

Title (en)

TOUCH DISPLAY SCREEN, DISPLAY DEVICE, AND TOUCH PANEL

Title (de)

BERÜHRUNGSANZEIGEVORRICHTUNG, ANZEIGEVORRICHTUNG UND BERÜHRUNGSTAFEL

Title (fr)

ÉCRAN D'AFFICHAGE TACTILE, DISPOSITIF D'AFFICHAGE ET PANNEAU TACTILE

Publication

**EP 3550413 A4 20200617 (EN)**

Application

**EP 17835790 A 20170630**

Priority

- CN 201621312804 U 20161201
- CN 2017091110 W 20170630

Abstract (en)

[origin: EP3550413A1] A touch display panel, a display device and a touch panel are provided, the touch display panel includes a plurality of block touch electrodes (10) spaced apart from each other and a conductive shielding layer (20), the shielding layer (20) is insulated from the touch electrodes (10); and an orthographic projection of the shielding layer (20) on the base substrate (90) in the touch display panel is at least in a gap between orthographic projections of the touch electrodes (10) on the base substrate (90), and the touch display panel improves the capacitance uniformity of a capacitive touch display panel.

IPC 8 full level

**G06F 3/044** (2006.01)

CPC (source: EP US)

**G06F 3/0412** (2013.01 - US); **G06F 3/0443** (2019.04 - EP US); **G06F 2203/04107** (2013.01 - EP)

Citation (search report)

- [X] US 8970537 B1 20150303 - SHEPELEV PETR [US], et al
- [X] US 2012120011 A1 20120517 - TENG CHIH-JUNG [TW], et al
- [X] US 2016048241 A1 20160218 - ZHAO WEIJIE [CN], et al
- [X] US 2015160754 A1 20150611 - WENZEL THOMAS [DE]
- See references of WO 2018099069A1

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)

**EP 3550413 A1 20191009; EP 3550413 A4 20200617**; CN 206209685 U 20170531; JP 2020501205 A 20200116; JP 7007258 B2 20220124; US 10768753 B2 20200908; US 2020081565 A1 20200312; WO 2018099069 A1 20180607

DOCDB simple family (application)

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